

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET**

**SLO-GEL / 3905**  
**NOVEMBER 2009**

**PAGE 1**

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E.	B

**SECTION 1 – Chemical and Company Identification**

**PRODUCT CLASS:** Quaternary Ammonium Salt

**SECTION 2 – Composition on Ingredients**

OSHA Hazardous Components (29 CFR 1910.1200):

This product is not hazardous as defined by OSHA.

**CHEMICAL NAME:** Alkyl Dimethyl Benzyl Ammonium Chloride (C12-18)

CAS Registry Number  
68391-01-5

**SECTION 3 – Hazards Information**

**EMERGENCY OVERVIEW:** may be irritating to sensitive skin. May be harmful if swallowed.

**POTENTIAL HEALTH EFFECTS:**

**EYE CONTACT:** May be irritating to eyes.

**SKIN CONTACT:** May be irritating to sensitive skin.

**INHALATION:** Not an inhalation hazard. (solid gel form)

**INGESTION:** May be harmful or fatal if swallowed. Ingestion may result in moderately severe burns to mouth and esophagus with more severe burns and damage to stomach.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known

**CARCINOGENICITY:** OSHA Regulated: No NTP: No IARC Monographs: No

**SECTION 4 – First Aid Measures**

**EYE CONTACT:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

**SKIN CONTACT:** Wash with soap and plenty of water. If irritation develops and persists, get medical attention.

**INHALATION:** If breathing is difficult, remove to fresh air. Get medical attention.

**INGESTION:** Do not induce vomiting. Immediately drink large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT:** >225°F

**FLAMMABLE LIMITS:** LEL: Not determined UEL: Not determined

**AUTOIGNITION TEMP:** Not applicable

**FIRE EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, water fog

**SPECIAL INFORMATION:** None known

**SECTION 6 – Accidental Release Measures**

**SPILL AND LEAK PROCEDURES:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewer treatment authority. For guidance, contact your State Water Board or Regional Office of the EPA. Semi-solid gel product. Pick up or sweep up and place in original or suitable container. Use as normal.

**SECTION 7 – Handling and Storage**

**HANDLING PROCEDURES:** Avoid skin and eye contact. Wash thoroughly after handling. As with all chemical, good industrial hygiene practices should be followed when handling material.

**STORAGE PROCEDURES:** DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Keep the container tightly closed and in a cool, well-ventilated place.

**SECTION 8 – Exposure Controls/Personal Protection**

**EXPOSURE CONTROLS:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**PERSONAL PROTECTION EQUIPMENT:**

**EYES/FACE:** Wear chemical goggles; face shield (if splashing is possible)

**SKIN:** Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves. Use Impervious gloves.

**SECTION 9 – Physical and Chemical Properties**

**APPEARANCE/ODOR:** Amorphous Crystalline Solid pH: 7.5-8.5@10% aqueous solution

**SOLUBILITY IN WATER:** Complete **EVAPORATION RATE (Butyl Acetate=1):** Not determined

**BOILING POINT:** N/A

**SPECIFIC GRAVITY:** 0.981 g/mL

**VAPOR PRESSURE:** Not determined

**VAPOR DENSITY (AIR=1):** Not determined

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Keep away from heat and incompatible materials.

**INCOMPATIBILITY:** This product may react with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION BYPRODUCTS:** Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11 – Toxicological Information**

**CARCINOGENICITY:** Not listed as carcinogenic according to IARC, NTP OR OSHA

**MUTAGENICALLY:** Testing has shown this product to be non-mutagenic.

**LD50 VALUE:** Oral LD50 (rat) => 50-500 mg/kg; Dermal LD50 (rabbit) => 2,000 < or equal to 20,000 mg/kg

**SECTION 12 – Ecological Information**

**ECOTOXICITY:** Very toxic to aquatic organisms

**ENVIRONMENTAL FATE:** This product is biodegradable

**SECTION 13 – Disposal Consideration****DISPOSAL INSTRUCTIONS**

**CONTAINER DISPOSAL:** Dispose of in a sanitary landfill, or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to the label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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**SECTION 14 – Transport Information**

U.S. DEPARTMENT OF TRANSPORTATION: Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

**SECTION 15 – Regulatory Information****CHEMICAL NAME:** Alkyl dimethyl benzyl ammonium chloride (C12-18)**PRODUCT CLASS:** Quaternary Ammonium Salt**CAS****Registry No.**

68391-01-5

**SECTION 16 – Other Information****NFPA RATING:** Health - 1, Flammability - 0, Reactivity - 0**HMIS® RATING:** Health - 1, Flammability - 0, Reactivity - 0

HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

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